ABSTRACT

[0086]   The sharing model for file system operations is unified with the transaction and locking model of query language statements to provide an overall framework for locking and isolation in a storage platform. Additionally, transactional support is provided for file system operations so that they may be executed in the context of a transaction. Accordingly, a single transaction may include a single file system statement, a single query language statement, multiple file system statements, multiple query language statements, and a combination of file system and query language statements. Furthermore, support is provided for non-transacted file systems statements so that file system statements need not necessarily be executed in the context of a transaction.